



FIG. 1

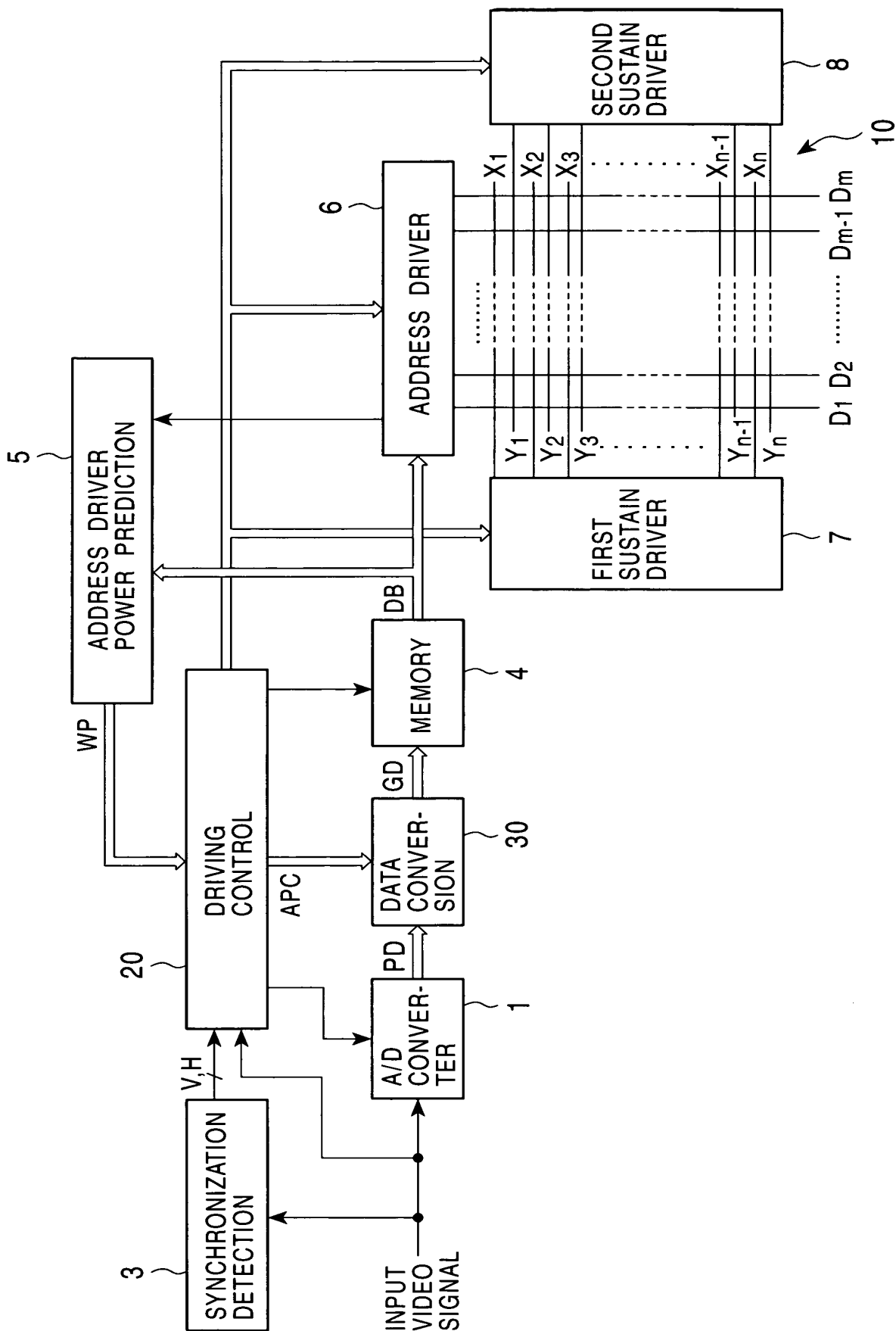


FIG. 2

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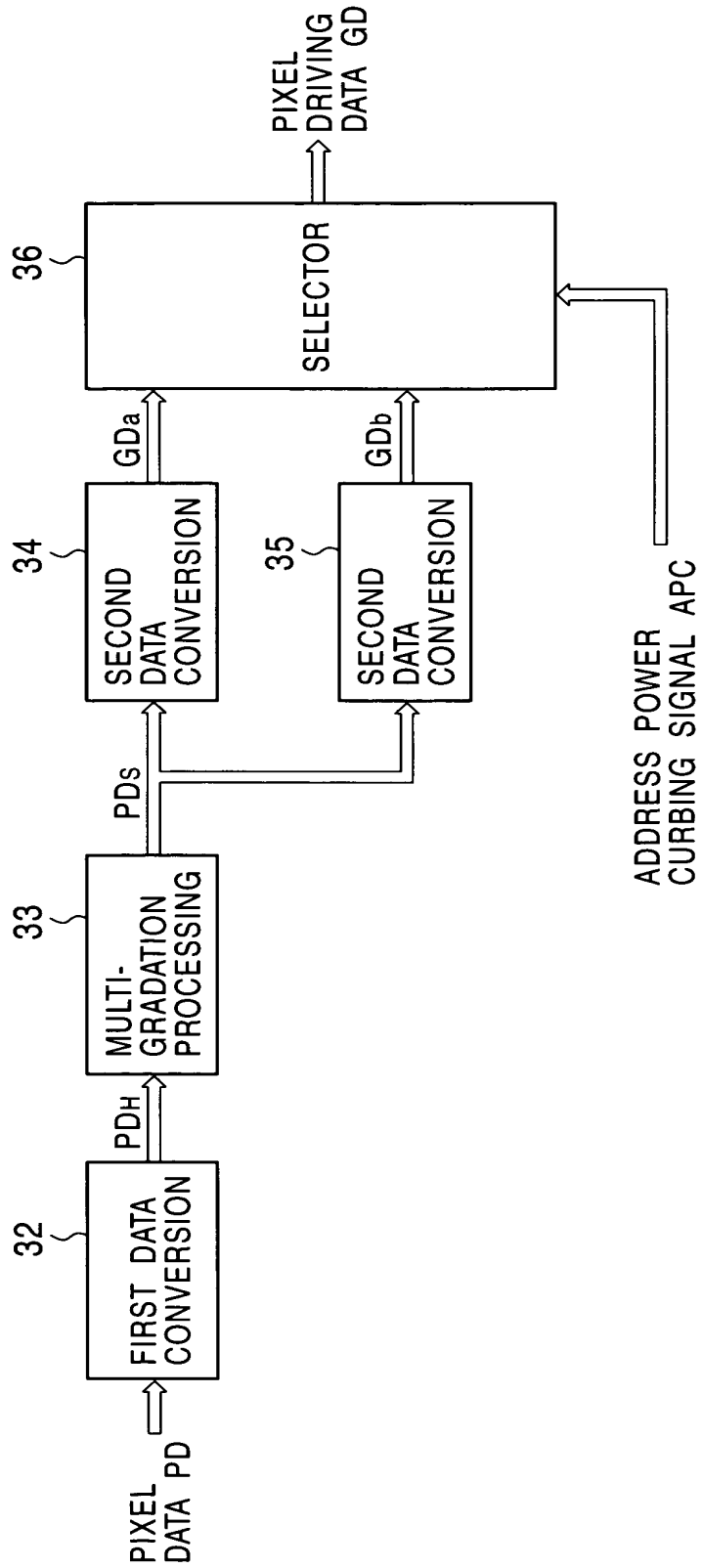




FIG. 3

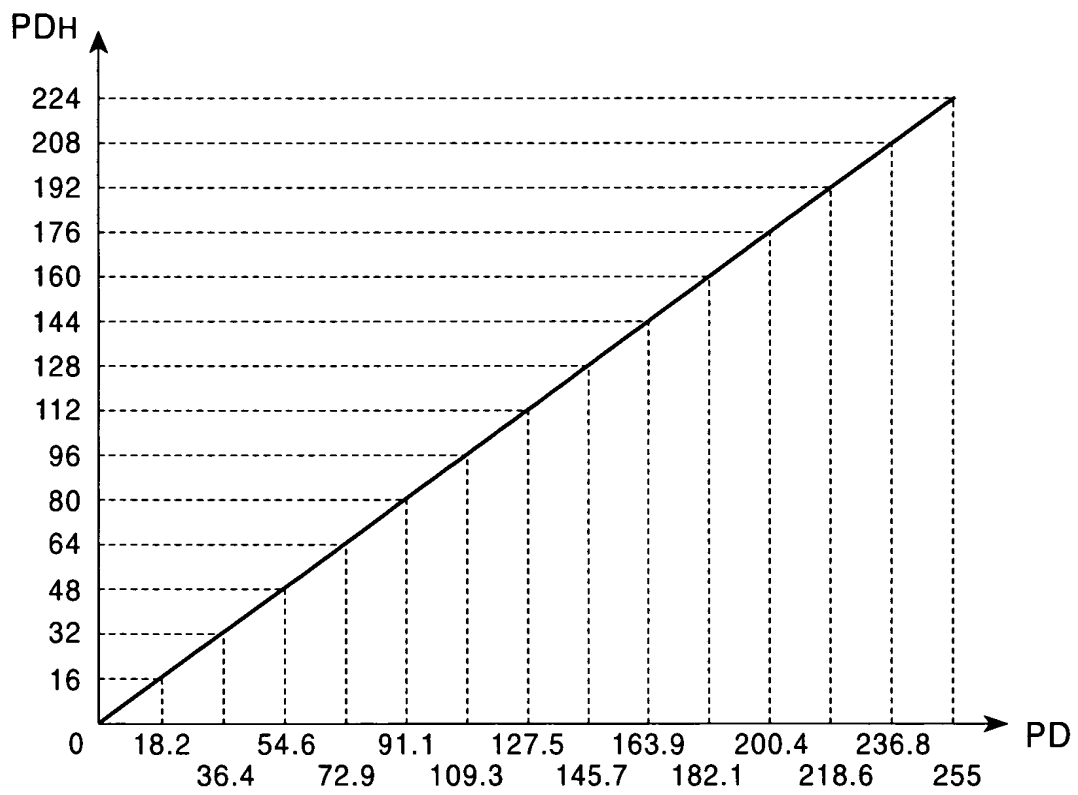


FIG. 4

(SELECTIVE ERASURE)

GRADATION	CONVERSION TABLE OF SECOND DATA CONVERSION CIRCUIT 34														LIGHT-EMISSION DRIVING PATTERN FOR ONE FIELD														EMITTED LUMINANCE	
	PDs	GDa														SF SF SF SF SF SF SF SF SF SF SF SF SF SF SF SF														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2	3	4	5	6	7	8	9	10	11	12	13		14
1	0000	1	1	1	1	1	1	1	1	1	1	1	1	1	1	●	●	●	●	●	●	●	●	●	●	●	●	●	0	
2	0001	0	1	1	1	1	1	1	1	1	1	1	1	1	1	○	●	●	●	●	●	●	●	●	●	●	●	●	4	
3	0010	0	0	1	1	1	1	1	1	1	1	1	1	1	1	○	○	●	●	●	●	●	●	●	●	●	●	●	16	
4	0011	0	0	0	1	1	1	1	1	1	1	1	1	1	1	○	○	○	●	●	●	●	●	●	●	●	●	●	36	
5	0100	0	0	0	1	1	1	1	1	1	1	1	1	1	1	○	○	○	○	●	●	●	●	●	●	●	●	●	68	
6	0101	0	0	0	0	1	1	1	1	1	1	1	1	1	1	○	○	○	○	○	●	●	●	●	●	●	●	●	108	
7	0110	0	0	0	0	0	1	1	1	1	1	1	1	1	1	○	○	○	○	○	○	●	●	●	●	●	●	●	160	
8	0111	0	0	0	0	0	0	1	1	1	1	1	1	1	1	○	○	○	○	○	○	○	●	●	●	●	●	●	224	
9	1000	0	0	0	0	0	0	0	1	1	1	1	1	1	1	○	○	○	○	○	○	○	○	●	●	●	●	●	300	
10	1001	0	0	0	0	0	0	0	0	1	1	1	1	1	1	○	○	○	○	○	○	○	○	○	●	●	●	●	388	
11	1010	0	0	0	0	0	0	0	0	0	1	1	1	1	1	○	○	○	○	○	○	○	○	○	○	○	○	○	488	
12	1011	0	0	0	0	0	0	0	0	0	0	1	1	1	1	○	○	○	○	○	○	○	○	○	○	○	○	○	600	
13	1100	0	0	0	0	0	0	0	0	0	0	0	1	1	1	○	○	○	○	○	○	○	○	○	○	○	○	○	728	
14	1101	0	0	0	0	0	0	0	0	0	0	0	0	1	1	○	○	○	○	○	○	○	○	○	○	○	○	○	868	
15	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	1024	

BLACK CIRCLES: SELECTIVE ERASING DISCHARGE
 WHITE CIRCLES: SUSTAINED DISCHARGE EMISSION



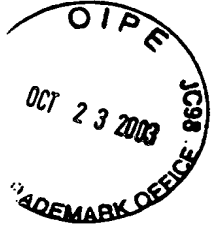


FIG. 5

(SELECTIVE ERASURE)

GRADATION	CONVERSION TABLE OF SECOND DATA CONVERSION CIRCUIT 35														LIGHT-EMISSION DRIVING PATTERN FOR ONE FIELD														EMITTED LUMINANCE	
	PDs	GDb														SF SF SF SF SF SF SF SF SF SF SF SF SF SF SF SF														
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	1	2	3	4	5	6	7	8	9	10	11	12	13		14
1	0000	1	0	0	0	0	0	0	0	0	0	0	0	0	●														0	
2	0001	0	1	0	0	0	0	0	0	0	0	0	0	0	○	●													4	
3	0010	0	0	1	0	0	0	0	0	0	0	0	0	0	○	○	●												16	
4	0011	0	0	0	1	0	0	0	0	0	0	0	0	0	○	○	○	●											36	
5	0100	0	0	0	0	1	0	0	0	0	0	0	0	0	○	○	○	○	●										68	
6	0101	0	0	0	0	0	1	0	0	0	0	0	0	0	○	○	○	○	○	○	●								108	
7	0110	0	0	0	0	0	0	1	0	0	0	0	0	0	○	○	○	○	○	○	○	○	●						160	
8	0111	0	0	0	0	0	0	0	1	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○			224	
9	1000	0	0	0	0	0	0	0	0	1	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○		300	
10	1001	0	0	0	0	0	0	0	0	0	1	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	388	
11	1010	0	0	0	0	0	0	0	0	0	0	1	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	488	
12	1011	0	0	0	0	0	0	0	0	0	0	0	1	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	600	
13	1100	0	0	0	0	0	0	0	0	0	0	0	0	1	○	○	○	○	○	○	○	○	○	○	○	○	○	○	728	
14	1101	0	0	0	0	0	0	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	868	
15	1110	0	0	0	0	0	0	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	○	○	1024	

BLACK CIRCLES: SELECTIVE ERASING DISCHARGE
 WHITE CIRCLES: SUSTAINED DISCHARGE EMISSION

FIG. 6

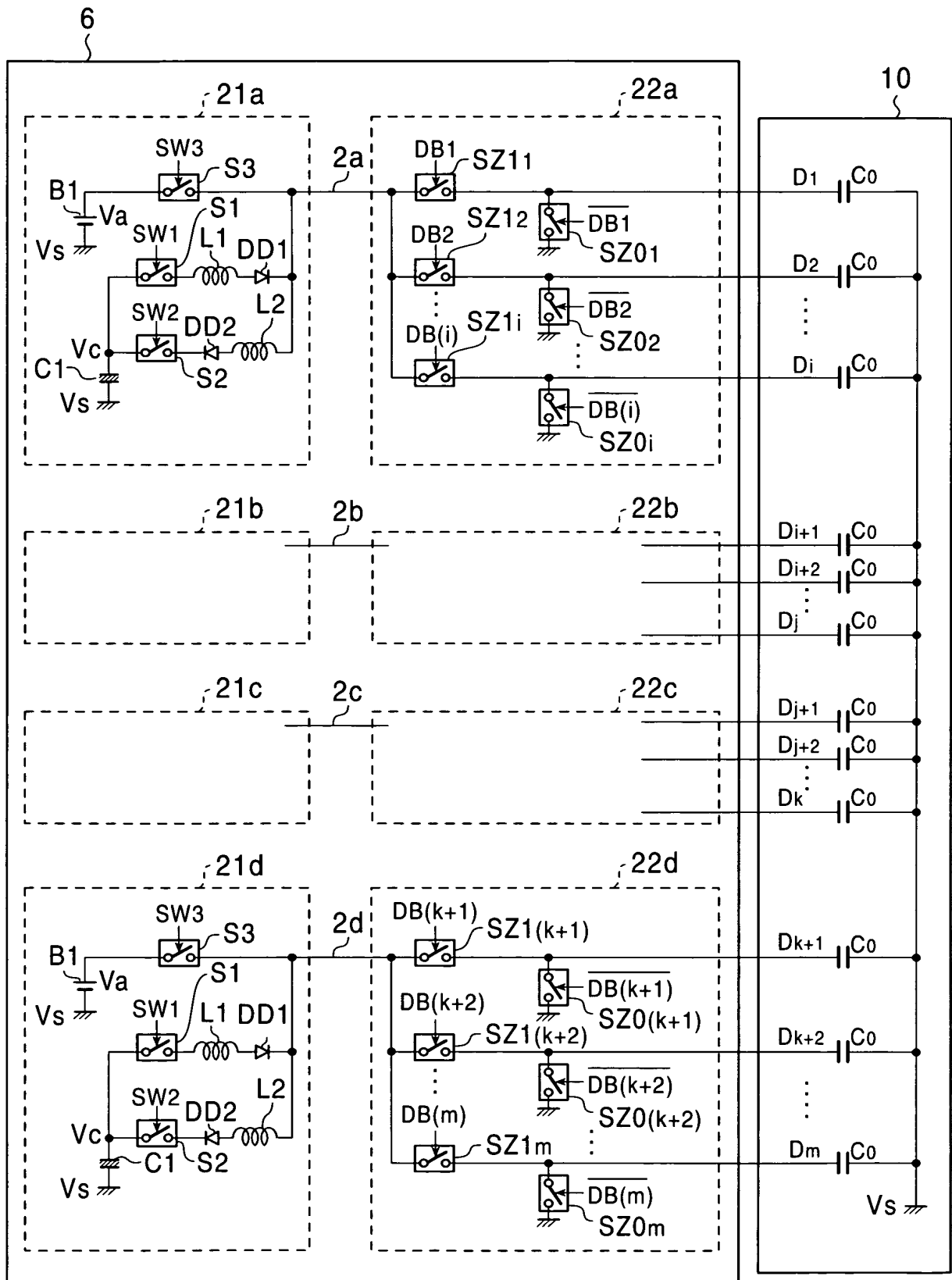


FIG. 7D

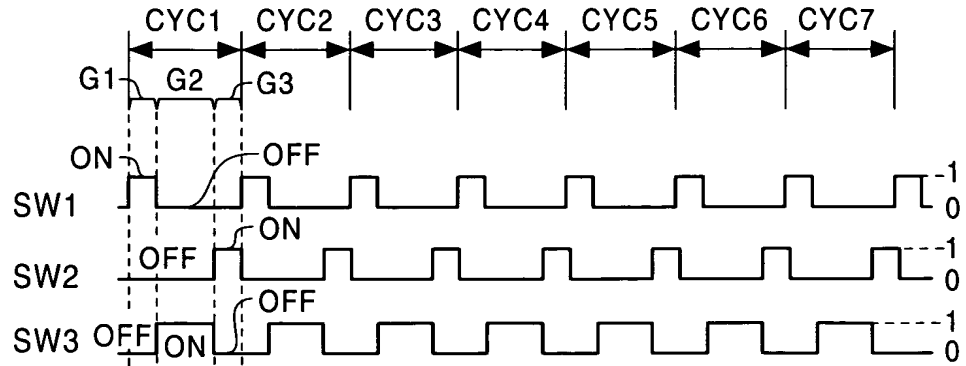


FIG. 7A

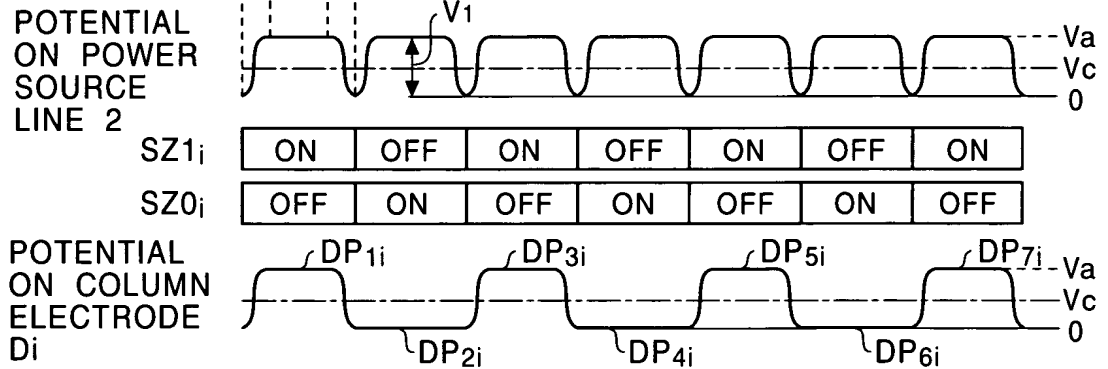


FIG. 7B

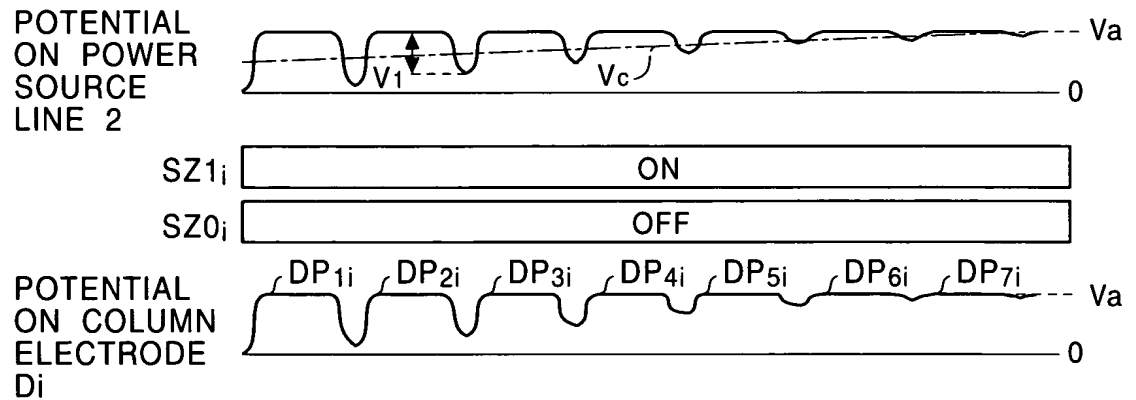


FIG. 7C

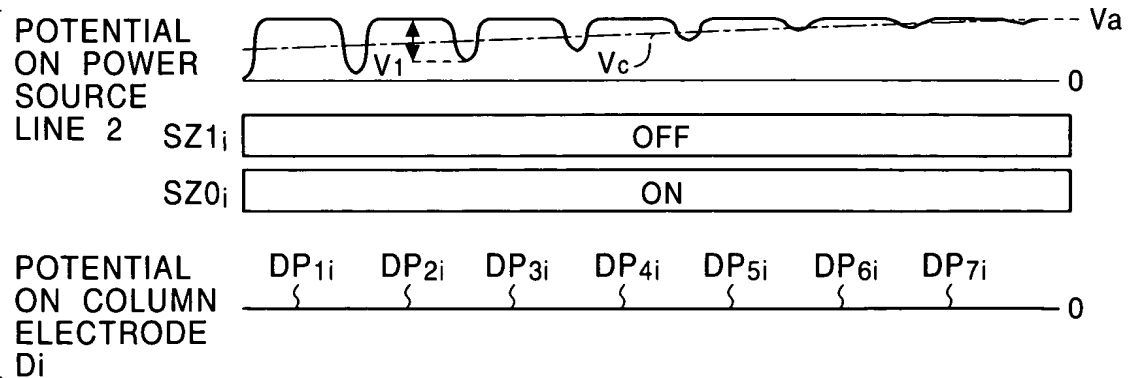
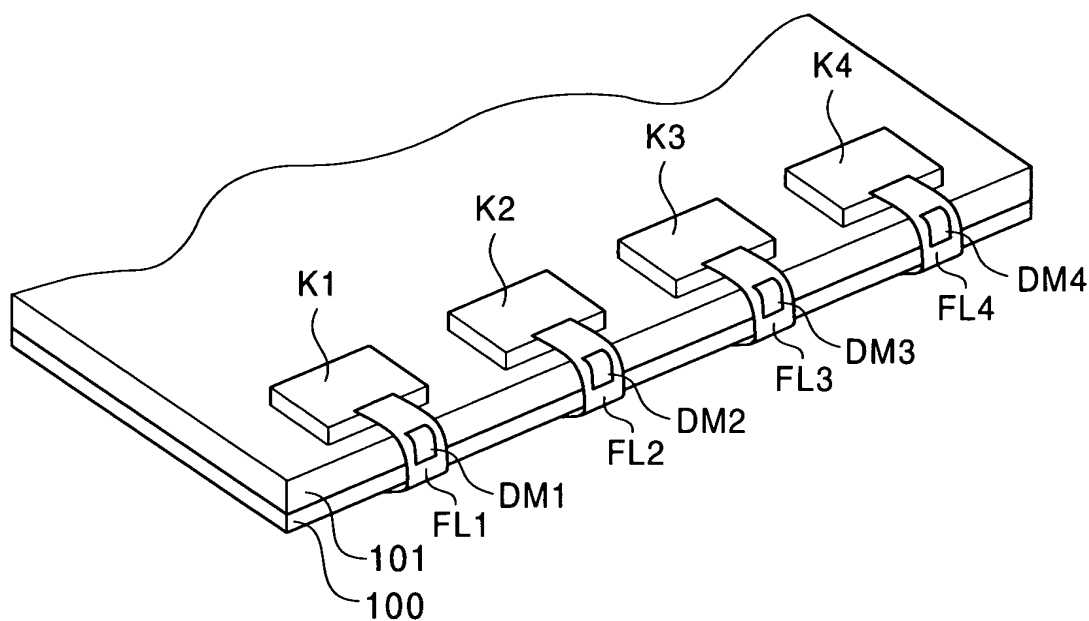




FIG. 8



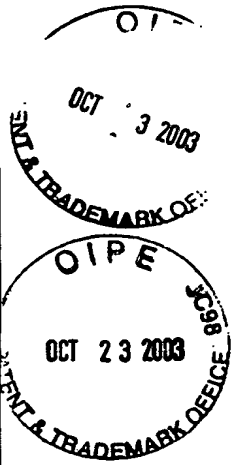


FIG. 9

$$DB_{(N,M)} = \begin{bmatrix} DB_{(1,1)} & DB_{(1,2)} & DB_{(1,3)} & \dots & DB_{(1,m)} \\ DB_{(2,1)} & DB_{(2,2)} & DB_{(2,3)} & \dots & DB_{(2,m)} \\ DB_{(3,1)} & DB_{(3,2)} & DB_{(3,3)} & \dots & DB_{(3,m)} \\ \vdots & \vdots & \vdots & & \vdots \\ \vdots & \vdots & \vdots & & \vdots \\ DB_{(n,1)} & DB_{(n,2)} & DB_{(n,3)} & \dots & DB_{(n,m)} \end{bmatrix}$$



FIG. 10

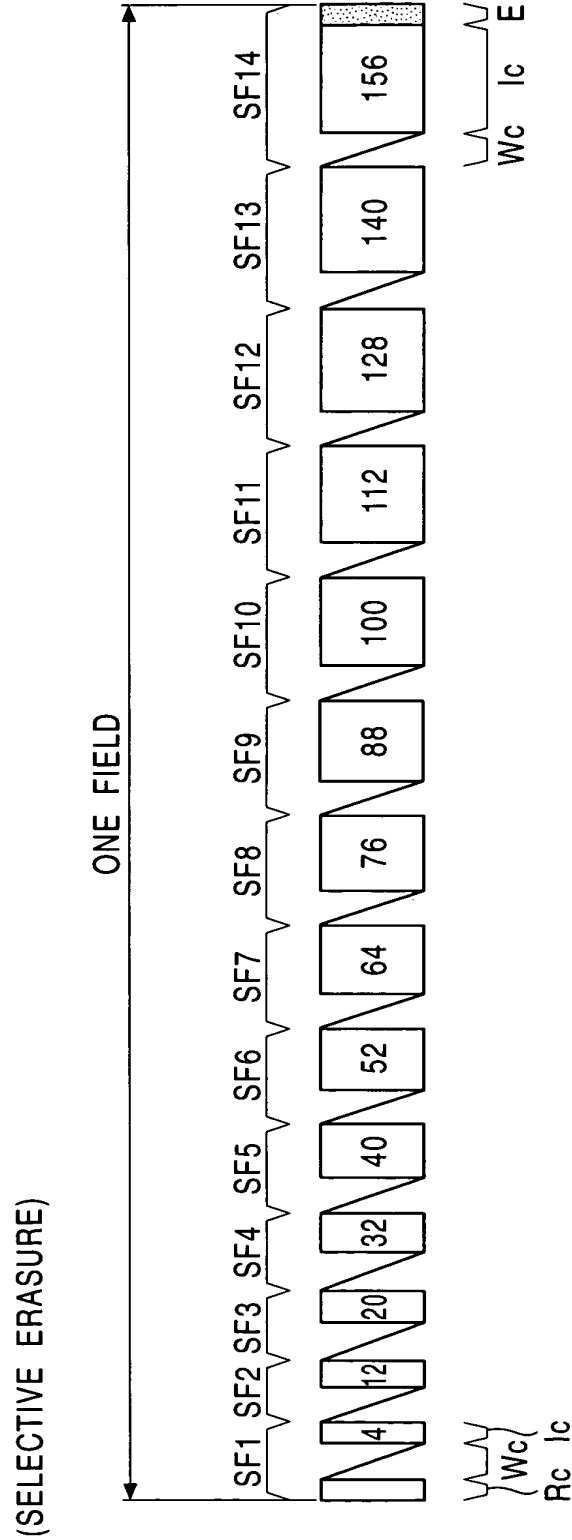


FIG. 11

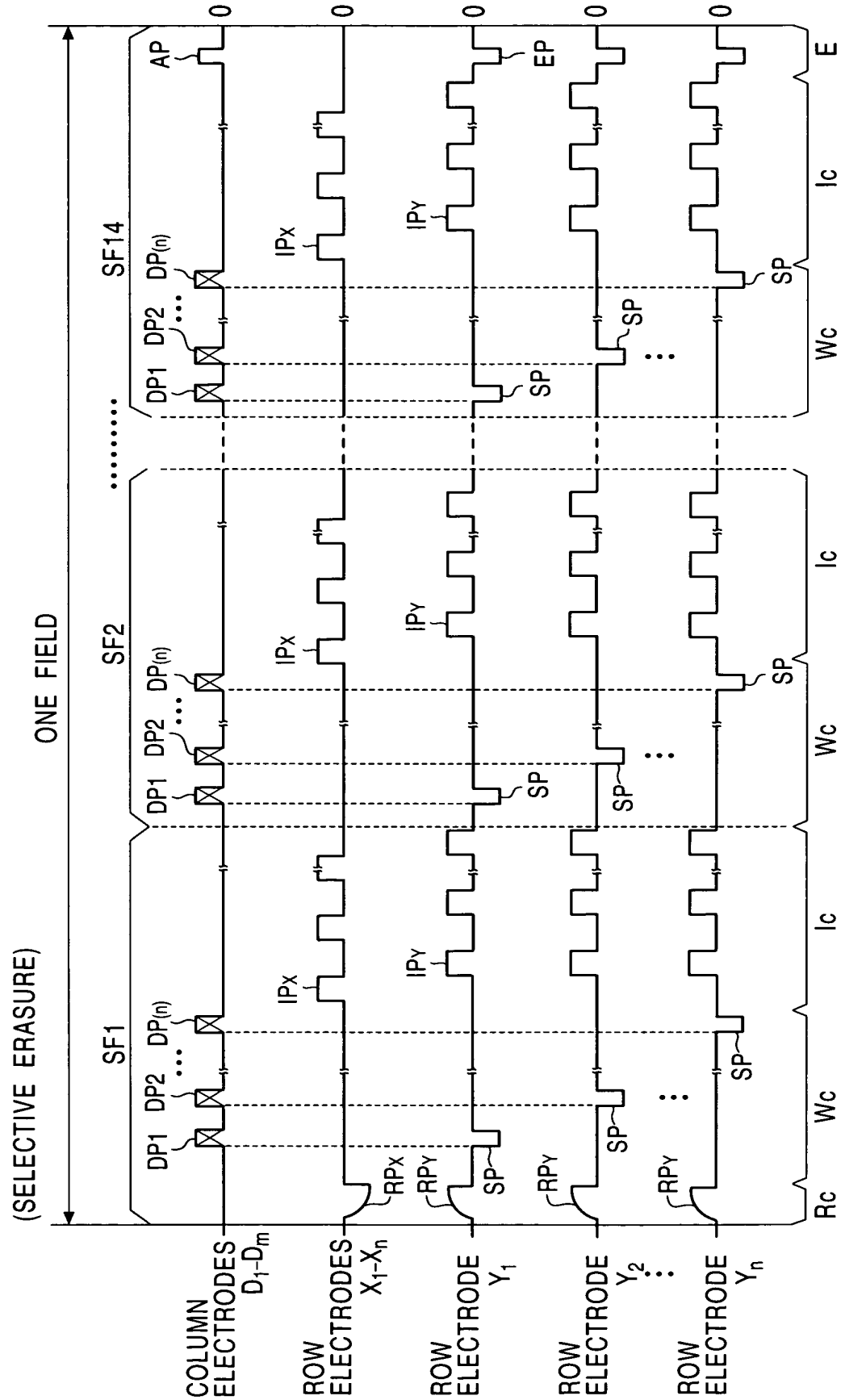




FIG. 12

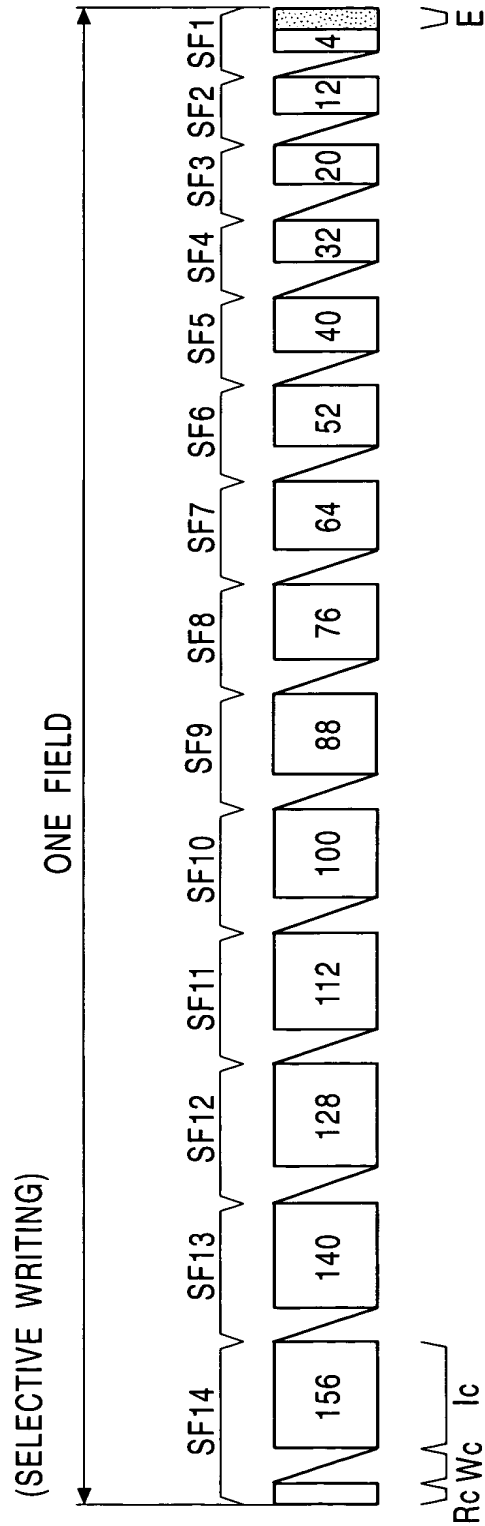




FIG. 13

(SELECTIVE WRITING)

GRADATION	CONVERSION TABLE OF SECOND DATA CONVERSION CIRCUIT 34														LIGHT-EMISSION DRIVING PATTERN FOR ONE FIELD														EMITTED LUMINANCE	
	PDs	GDa														SF SF														

WHITE TRIANGLE: SELECTIVE WRITING DISCHARGE +
 SUSTAINED DISCHARGE EMISSION

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FIG. 14

(SELECTIVE WRITING)

GRADATION	CONVERSION TABLE OF SECOND DATA CONVERSION CIRCUIT 35														LIGHT-EMISSION DRIVING PATTERN FOR ONE FIELD														EMITTED LUMINANCE	
	PDs	GDb														SF SF														

BLACK CIRCLE: SELECTIVE WRITING DISCHARGE +
SUSTAINED DISCHARGE EMISSION
WHITE CIRCLE: SUSTAINED DISCHARGE EMISSION

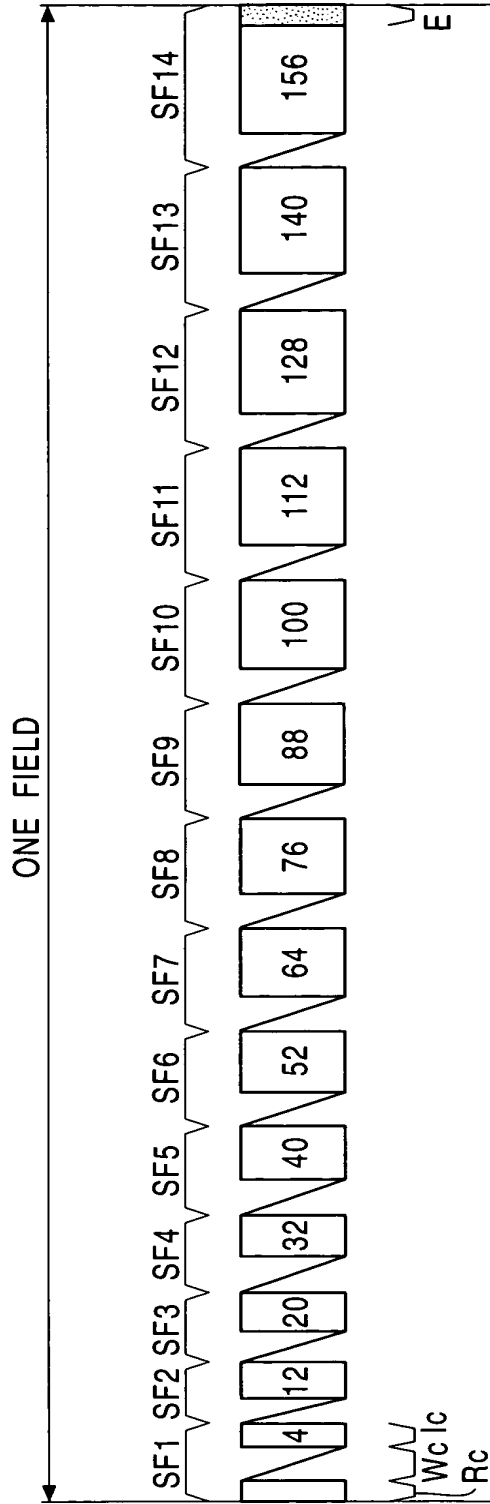


FIG. 15A

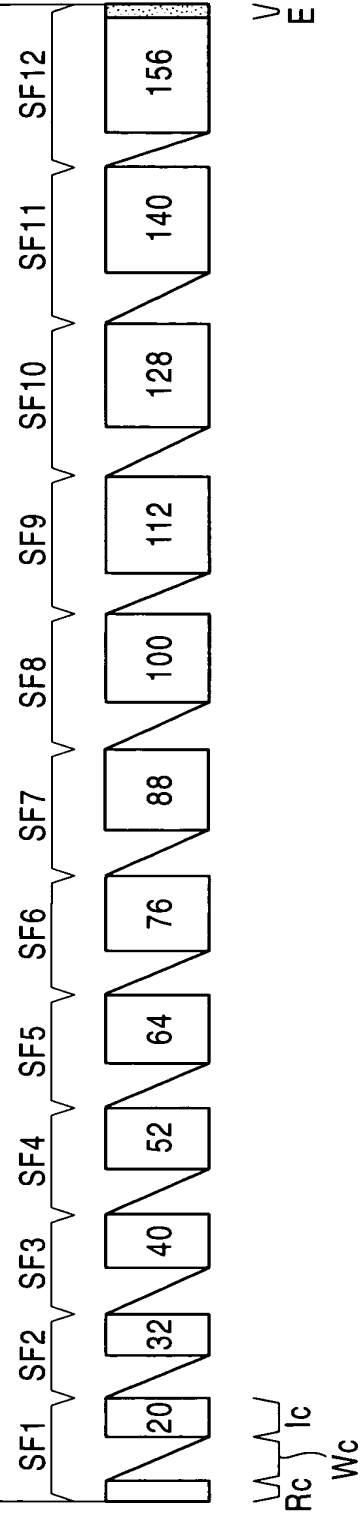


FIG. 15B



FIG. 16

